



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(21) International Application Number:	PCT/US99/10750		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
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(54) Title: COMBINATION THERAPY FOR THE TREATMENT OF TUMORS

(57) Abstract

The present invention relates to a combination therapy method for treating gastrin-dependent tumors. The method comprises the immunization of a patient with an anti-gastrin (17) immunogenic composition in combination with the administration of chemotherapeutic agents such as 5-fluorouracil and leucovorin.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/10750

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A61K31/505 A61K39/395 A61K31/385 //A61K39/39, A31K39:505

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 755 683 A (CENTOCOR INC) 29 January 1997 (1997-01-29) see esp. claims ----	1-11
Y	AJANI J A ET AL: "PHASE I AND II STUDIES OF THE COMBINATION OF RECOMBINANT HUMAN INTERFERON- AND 5-FLUOROURACIL IN PATIENTS WITH ADVANCED COLORECTAL CARCINOMA" JOURNAL OF BIOLOGICAL RESPONSE MODIFIERS, US, RAVEN PRESS, NEW YORK, vol. 8, no. 2, page 140-146 XP000032195 the whole document ----	1-11 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search	Date of mailing of the international search report
18 November 1999	25/11/1999
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Müller, F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/10750

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WATSON S A ET AL: "ANTI-GASTRIN ANTIBODIES RAISED BY GASTRIMMUNE INHIBIT GROWTH OF THE HUMAN COLORECTAL TUMOUR AP5" INTERNATIONAL JOURNAL OF CANCER, US, NEW YORK, NY, vol. 61, no. 2, page 233-240 XP000654518 ISSN: 0020-7136 the whole document ----	1-11
A	EP 0 380 230 A (APHTON CORP) 1 August 1990 (1990-08-01) the whole document ----	
P,X	WATSON S. A. ET AL.: "A comparison of an anti-gastrin antibody and cytotoxic drugs in the therapy of human gastric ascites in scid mice" INT. J. CANCER, vol. 81, - 12 April 1999 (1999-04-12) pages 248-254, XP000853851 the whole document -----	1-11

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 99/ 10750

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:

because they relate to subject matter not required to be searched by this Authority, namely:

Remark: Although claims 1-11 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

2. Claims Nos.:

because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.:

because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

... on patent family members

International Application No

PCT/US 99/10750

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